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**THE
UNIVERSITY
OF RHODE ISLAND
FACULTY SENATE**

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Serial Number #09-10--4

TO: President David Dooley

FROM: Stephen K. Swallow, Chairperson of the Faculty Senate

1. The attached BILL, titled The Four Hundred Seventy-Second Report of the Curricular Affairs Committee, is forwarded for your consideration.
2. This BILL was adopted by vote of the Faculty Senate on October 22, 2009.
3. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
4. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective November 12, 2009 three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

October 23, 2009
(date)


Stephen K. Swallow
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

a. Approved ✓.

b. Approved subject to final approval by Board of Governors ✓.

c. Disapproved .

11.12.09
(date)


President

Form revised 9/09

September 30, 2009

**Faculty Senate Curricular Affairs Committee
Four Hundred Seventy-Second Report**

During the summer of 2009 and at the September 21, 2009 meeting of the Curricular Affairs Committee, the following matters were considered and are now presented to the Faculty Senate.

SECTION I

Informational Matters

A. College of Arts and Sciences

1. Department of Journalism

CHANGE: prerequisite for JOR 321 to "Pre: 220 with a grade of C or better, and journalism or public relations major, or permission of instructor."

2. Letters

ADD: LET 152X Introduction to Chinese Culture (3)
Introduction to Chinese culture through traditional representation of virtue and morality, Chinese history, philosophy, religion, art, literature, cultural relics, architecture, folk customs, intangible cultural heritage, and Chinese performing and visual arts. (Lec. 3)

3. Department of Military Science and Leadership

ADD: MSL 105X Introduction to Military Physical Fitness (1)
A "Boot Camp" style fitness program for students with little or no previous experience. Students learn fundamentals of physical fitness and how physical training is conducted in the US Army. (Practicum)
Pre: medical release signed by the student's physician.

4. Department of Political Science

CHANGE: method of instruction for PSC 350 to "(Lec. 3, Practicum 2)"

B. College of Engineering

Department of Mechanical, Industrial and Systems Engineering

CHANGE: title for MCE 201 to "Engineering Graphics" and description to "Introduction to the principles of graphic representation in engineering design, with emphasis on computer-aided drafting, orthographic projection, isometric and auxiliary views, sections, dimensioning, and rapid prototyping."

C. College of the Environment and Life Sciences

Department of Natural Resources Science

CHANGE: title for NRS 223 to "Conservation Biology"

D. College of Human Science and Services

Department of Kinesiology

CHANGE: KIN 105 by deleting all topics with the exception of KIN 105L

E. Honors Program

CHANGE: descriptions for the following courses:

- a. HPR 119 by adding "Loss in the Lives of Children and Adolescents" as a permanent topic.**
- b. HPR 319 by adding "The Global Challenge of Emerging Infectious Diseases" as a permanent topic.**

F. Online Courses

The CAC reviewed online versions of the following courses and notified Enrollment Services that they may be scheduled for spring 2010:

**FRN 320 Studies in French Cinema (Durand)
LET 151 topic: Franco-American Relations (Durand)
LET 151 topic: Francophone Hip-Hop Culture (Durand)
LIB 220 Issues of the Information Age (Kinney & MacDonald)**

SECTION II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Engineering

Department of Mechanical, Industrial and Systems Engineering

***CHANGE: name of the B.S. Degree in Industrial Engineering to "B.S. Degree in Industrial and Systems Engineering"**

B. College of the Environment and Life Sciences

1. Department of Landscape Architecture

CHANGE: curriculum requirements for the B.L.A. Degree as follows:

- 1) Add LAR 302, Applied GIS for Landscape Architecture as a curriculum requirement (from current supporting elective status).**
- 2) Add LAR 450, Portfolio Development as a curriculum requirement (from current supporting elective status).**

***Will require notification of change to the Board of Governors for Higher Education.**

3) Reduce free electives from 12 credits to 8 credits.

2. Department of Plant Sciences

DELETE: PLS 205 Population, Environment, and Plant Biology I (4)

C. University Libraries

ADD: LIB 220 Issues of the Information Age (3)

Critical current issues concerning the use of information are examined. Emphasis placed on the interdisciplinary nature of information and the use of research techniques as a foundation for informed citizenship. (Lec./Online)

SECTION III

**Report of the Curricular Affairs Committee on
400-Level Courses that do not require action by the Graduate Council**

During the summer 2009 and at the Curricular Affairs Committee's Meetings of March 30, 2009 and September 21, 2009, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Engineering

Department of Electrical, Computer and Biomedical Engineering

CHANGE: prerequisite for ELE 423 to "Pre: (313 and 322 and ((338 and 339) or 342)) or permission of instructor. Not for graduate credit."

2. College of the Environment and Life Sciences and College of Pharmacy

Department of Cell and Molecular Biology and Department of Biomedical Sciences

ADD: MIC 450X (or BPS 450X) Practical Tools for Molecular Sequence Analysis (3)

Students will be introduced to practical ways to analyze DNA, protein and genome data sets; computing environments and publicly available software tools for analysis (Lec. 2, Lab 2) Pre: BCH 311 or BIO 352 (or BCH 352) or BIO 341 or permission of instructor. Not for graduate credit.

B. Matters which require confirmation by the Faculty Senate

1. College of the Environment and Life Sciences

Department of Plant Sciences

- 1) **ADD: PLS 415 Plant Plagues: Causes and Consequences (2)**
Events and decisions leading to major plant epidemics, historical and current. Emphasizes causative organisms and their characteristic biology, with subsequent consideration from diverse social-political-economic viewpoints. Extensive student preparation/participation required. (Lec. 2) Pre: 200 or BIO 102 or permission of instructor.

(Inadvertently omitted from the 471 Report of the CAC..)

- 2) **DELETE: 475 Plant Nutrition and Soil Fertility (4)**

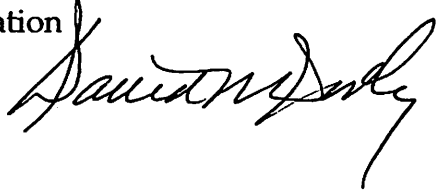
2. College of Pharmacy

Department of Pharmacy Practice and Department Biomedical and Pharmaceutical Sciences

- ADD: PHP 526 (or BPS 526) Foundations of Human Disease VI: Hematology-Oncology (2)**
The etiology, pathogenesis, symptomatology, and diagnosis of hematology and oncology diseases in people. Introduction to pharmacogenomics, gene-drug interactions, and genetic therapy in human disease. (Lec. 2) Pre: third-year Doctor of Pharmacy professional student standing. Taken concurrently with BPS 521 and PHP 513. Not for graduate credit.

MEMORANDUM

TO: Steven Maurano, Interim Commissioner
Office of Higher Education

FROM: Dr. David M. Dooley 
President

DATE: November 2, 2009

SUBJECT: Notice of Change, for the Name Change of the B.S. Degree in Industrial Engineering
to the B.S. Degree in Industrial and Systems Engineering

Enclosed is the Notices of Change for the name change of the B.S. Degree in Industrial Engineering to the B.S. Degree in Industrial and Systems Engineering. The name change was approved by all relevant academic units, the department of Mechanical, Industrial and System Engineering, College of Engineering, Faculty Senate Curricular Affairs Committee on September 21, 2009, Faculty Senate on October 22, 2009 and I approved it on November 12, 2009.

I look forward to a positive review and positive action on the above notice. Donald DeHayes, Provost and Vice President for Academic Affairs, will serve as the University's contact. Please feel free to contact him directly if you have any questions.

dr
enclosures

c: Deborah Grossman-Garber, Assistant Commissioner, OHE
Donald H. DeHayes, Provost and Vice President for Academic Affairs
Laura Beauvais, Interim Vice Provost for Faculty Affairs
Dean Libutti, Interim Vice Provost for Enrollment Management
Raymond Wright, Dean, College of Engineering
Sheila Grubman, Faculty Senate Coordinator

Notice of Change for the BS Industrial Engineering Program to the BS Industrial and Systems Engineering Program

Date: March 4, 2009

A. PROGRAM INFORMATION

1. Name of institution

University of Rhode Island

2. Name of department, division, school or college

Department: Mechanical, Industrial and Systems Engineering

College: Engineering

3. Intended initiation date of program change. Include anticipated date for granting first degrees or certificates, if appropriate.

Initiation date: July 1, 2009

First degree date: May 2013


4. Intended location of the program

Kingston, Rhode Island

5. Summary description of proposed program (not to exceed 2 pages)

It is proposed that the BS Industrial Engineering program be changed to the BS Industrial and Systems Engineering program. A description of the program is attached.

6. Signature of the President



David M. Dooley

INDUSTRIAL AND SYSTEMS ENGINEERING

Class of 2013

Total Credits = 125

Freshman Year 1st Semester (16 Credits)

Course	Description	Cr	
CHM 101	General Chem I Lecture	3	
CHM 102	General Chem I Lab	1	
EGR 105	Foundations of Engineering I	1	
MTH 141	Intro Calculus w/Analytic Geometry	4	
PHY 203	Elementary Physics I Lecture	3	
PHY 273	Elementary Physics I Lab	1	
	General Education Elective	3	
		16	

Freshman Year 2nd Semester (16 Credits)

Course	Description	Cr	
ECN 201	Principles of Microeconomics	3	
EGR 106	Foundations of Engineering II	2	
MTH 142	Interm Calculus w/Analytic Geometry	4	
PHY 204	Elementary Physics II Lecture	3	
PHY 274	Elementary Physics II Lab	1	
	General Education Elective	3	
		16	

Sophomore Year 1st Semester (17 Credits)

Course	Description	Cr	
ISE 240	Mfg. Processes & Systems	3	
ISE 241	Mfg. Process & Systems Lab	1	
MCE 201	Engineering Graphics	3	
MCE 262	Statics	3	
MTH 243	Calculus for Functions of Several Variables	3	
PHY 205	Elementary Physics III	3	
PHY 275	Elementary Physics Laboratory III	1	
		17	

Sophomore Year 2nd Semester (16 Credits)

Course	Description	Cr	
CVE 220	Mechanics of Materials	3	
ELE 220	Passive and Active Circuits	3	
ISE 220	Ind. and Sys. Eng. Seminar***	1	
MCE 263	Dynamics	3	
MTH 362 or MTH 244	Advanced Engineering Math. I or Differential Equations	3	
	General Education Elective*	3	
		16	

Junior Year 1st Semester (15 Credits)

Course	Description	Cr	
CHE 333	Engineering Materials	3	
EGR 316 or PHL 212	Engineering Ethics or Ethics	3	
ISE 325	Computer Tools for Engineers	3	
ISE 411	Probability and Statistics for Engineers	3	
ISE 432	Deterministic Systems	3	
		15	

Junior Year 2nd Semester (15 Credits)

Course	Description	Cr	
BUS 201	Financial Accounting	3	
ISE 404	Engineering Economy and Project Planning	3	
ISE 412	Statistical Methods and Quality Systems	3	
ISE 433	Stochastic Systems	3	
	Professional Elective**	3	
		15	

Senior Year 1st Semester (15 Credits)

Course	Description	Cr	
ISE 451	ISE Design I	3	
	Professional Elective**	3	
	Free Elective	3	
	General Education Elective	3	
	General Education Elective	3	
		15	

Senior Year 2nd Semester (15 Credits)

Course	Description	Cr	
ISE 452	ISE Design II	3	
	Professional Elective**	3	
	Professional Elective**	3	
	General Education Elective	3	
	General Education Elective	3	
		15	